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Sequence Listing could not be accepted due to errors.

See attached Validation Report.

If you need help call the Patent Electronic Business Center at (866)
217-9197 (toll free).

Reviewer: Durreshwar Anjum

Timestamp: [year=2010; month=5; day=26; hr=10; min=25; sec=45; ms=206;]

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Reviewer Comments:

<210> 9390

<211>

<212> mRNA

<213> Artificial Sequence

<220>

<223> Antisense to TGF-beta1

<400> 9390

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GAGGGAGGT

Mandatory field Numeric Identifier <211> is missing, which represents the total number of bases in the sequence listing.

Nucleotide bases must be in groups of ten, Per Sequence Rules only 60 bases are allowed per line.

The sequence rules require that "the enumeration of nucleotide bases shall start at the first base of the sequence with 1. The enumeration shall be continuous through the whole sequence in the direction 5' to 3'. The enumeration shall be marked in the right margin, next to the line containing the one-letter codes for bases, and giving the number of the last base of that line."

Please change the nucleotides to lower-case letters. Do not use upper-case letters for nucleotides. This error appears in subsequent sequences in the sequence listing.

Please remove the two invalid carriage returns in the sequences.

Numeric Identifier <212> represent type of sequence DNA/RNA or PRT. If the sequences are an RNA sequence, 't' are not allowed.

The above is a sample of multiple errors in the sequence listing, please
make all necessary corrections.

Application No: 10591048 Version No: 2.0

Input Set:

Output Set:

Started: 2010-05-18 14:49:04.181
Finished: 2010-05-18 15:08:14.478
Elapsed: 0 hr(s) 19 min(s) 10 sec(s) 297 ms
Total Warnings: 20192
Total Errors: 319
No. of SeqIDs Defined: 9394
Actual SeqID Count: 9394

Error code	Error Description
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W 213	Artificial or Unknown found in <213> in SEQ ID (2)
W 213	Artificial or Unknown found in <213> in SEQ ID (3)
W 213	Artificial or Unknown found in <213> in SEQ ID (4)
W 213	Artificial or Unknown found in <213> in SEQ ID (5)
W 213	Artificial or Unknown found in <213> in SEQ ID (6)
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W 213	Artificial or Unknown found in <213> in SEQ ID (10)
W 213	Artificial or Unknown found in <213> in SEQ ID (11)
W 213	Artificial or Unknown found in <213> in SEQ ID (12)
W 213	Artificial or Unknown found in <213> in SEQ ID (13)
W 213	Artificial or Unknown found in <213> in SEQ ID (14)
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W 213	Artificial or Unknown found in <213> in SEQ ID (16)
W 213	Artificial or Unknown found in <213> in SEQ ID (17)
W 213	Artificial or Unknown found in <213> in SEQ ID (18)
W 213	Artificial or Unknown found in <213> in SEQ ID (19)
W 213	Artificial or Unknown found in <213> in SEQ ID (20)

Input Set:

Output Set:

Started: 2010-05-18 14:49:04.181
Finished: 2010-05-18 15:08:14.478
Elapsed: 0 hr(s) 19 min(s) 10 sec(s) 297 ms
Total Warnings: 20192
Total Errors: 319
No. of SeqIDs Defined: 9394
Actual SeqID Count: 9394

Error code	Error Description
	This error has occurred more than 20 times, will not be displayed
E 310	Invalid sequence type in <212> in SEQID: (9081)
E 310	Invalid sequence type in <212> in SEQID: (9082)
E 310	Invalid sequence type in <212> in SEQID: (9083)
E 310	Invalid sequence type in <212> in SEQID: (9084)
E 310	Invalid sequence type in <212> in SEQID: (9085)
E 310	Invalid sequence type in <212> in SEQID: (9086)
E 310	Invalid sequence type in <212> in SEQID: (9087)
E 310	Invalid sequence type in <212> in SEQID: (9088)
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E 310	Invalid sequence type in <212> in SEQID: (9091)
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E 310	Invalid sequence type in <212> in SEQID: (9093)
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E 310	Invalid sequence type in <212> in SEQID: (9099)
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	This error has occurred more than 20 times, will not be displayed
E 201	Mandatory field data missing in <211> in SEQ ID (9390)

Input Set:

Output Set:

Started: 2010-05-18 14:49:04.181
Finished: 2010-05-18 15:08:14.478
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Total Warnings: 20192
Total Errors: 319
No. of SeqIDs Defined: 9394
Actual SeqID Count: 9394

Error code	Error Description
W 112	Upper case found in data; Found at position(0) SEQID(9390)
W 112	Upper case found in data; Found at position(1) SEQID(9390)
W 112	Upper case found in data; Found at position(2) SEQID(9390)
W 112	Upper case found in data; Found at position(3) SEQID(9390)
W 112	Upper case found in data; Found at position(4) SEQID(9390)
W 112	Upper case found in data; Found at position(5) SEQID(9390)
W 112	Upper case found in data; Found at position(6) SEQID(9390)
W 112	Upper case found in data; Found at position(7) SEQID(9390)
W 112	Upper case found in data; Found at position(8) SEQID(9390)
W 112	Upper case found in data; Found at position(9) SEQID(9390)
W 112	Upper case found in data; Found at position(10) SEQID(9390)
W 112	Upper case found in data; Found at position(11) SEQID(9390)
W 112	Upper case found in data; Found at position(12) SEQID(9390)
W 112	Upper case found in data; Found at position(13) SEQID(9390)
W 112	Upper case found in data; Found at position(14) SEQID(9390)
W 112	Upper case found in data; Found at position(15) SEQID(9390)
W 112	Upper case found in data; Found at position(16) SEQID(9390)
W 112	Upper case found in data; Found at position(17) SEQID(9390)
W 112	Upper case found in data; Found at position(18) SEQID(9390)
W 112	Upper case found in data; Found at position(19) SEQID(9390) This error has occurred more than 20 times, will not be displayed
E 201	Mandatory field data missing in <211> in SEQ ID (9391)
E 201	Mandatory field data missing in <211> in SEQ ID (9392)

Input Set:

Output Set:

Started: 2010-05-18 14:49:04.181
Finished: 2010-05-18 15:08:14.478
Elapsed: 0 hr(s) 19 min(s) 10 sec(s) 297 ms
Total Warnings: 20192
Total Errors: 319
No. of SeqIDs Defined: 9394
Actual SeqID Count: 9394

Error code	Error Description
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SEQUENCE LISTING

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<141> 2007-03-28

<150> PCT/EP2005/002101

<151> 2005-02-28

<150> EP 04 004 478.6

<151> 2004-02-27

<150> US 60/558,135

<151> 2004-04-01

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